

Amendments to the Abstract:

Please amend the abstract as follows:

This photoelectric detection device comprises a matrix of elementary detectors on an insulating substrate-(1), each Each of the said elementary detectors comprising has a stack consisting of a lower electrode-(2), a layer of a photosensitive material -(3) and a phototransparent upper electrode-(4), the said The upper electrode being is common to all the elementary detectors, each Each of the lower electrodes (2) being is connected independently of one another to a sense circuit. According to the invention the lower electrodes (2) are each positioned on an individualized insulating zone, (6) which is raised with respect to the insulating substrate-(1). Furthermore, the upper electrode (4) is not flat and is inserted between two adjacent zones (6) until it reaches a level below that of the lower electrodes.

Figure 2